Program Revision Proposal: Changes to an Existing Program

Form 3A

Version 2016-10-13

SUNY approval and SED registration are required for many changes to registered programs. To request a change to a registered program leading to an undergraduate degree, a graduate degree, or a certificate that does not involve the creation of a new program,[1] a Chief Executive or Chief Academic Officer must submit **a signed cover letter and this completed form** to the SUNY Provost at *program.review@suny.edu*.

Section 1. General Information		
a) Institutional Information	Institution's 6-digit SED Code:	**210500**
	Institution's Name:	University at Albany
	Address:	*1400 Washington Avenue, Albany, NY 12222*
b) Program Locations	List each campus where the entire program will be offered (with each institutional or branch campus 6-digit SED Code): 210500	
	List the name and address of off-campus locations (i.e., extension sites or extension centers) where courses will offered, **or check here [X] if not applicable**:	
c) Registered Program to be Changed	Program Title:	Human Biology
	SED Program Code	30565
	Award(s) (e.g., A.A., B.S.):	B.S.
	Number of Required Credits:	Minimum [120] If tracks or options, largest minimum [ ]
	HEGIS Code:	0499
	CIP 2010 Code:	30.2701
	Effective Date of Change:	Fall 2023
	Effective Date of Completion[2]	Spring 2027
d) Campus Contact	Name and title: Kaitlyn Beachner, Staff Associate for Undergraduate Academic Programs Telephone and email: 518 – 442 – 3941; kbeachner@albany.edu	
e) Chief Executive or Chief Academic Officer Approval	**Signature affirms that the proposal has met all applicable campus administrative and shared governance procedures for consultation, and the institution's commitment to support the proposed program. *E-signatures are acceptable.*** Name and title: Carol Kim, Ph.D., Senior Vice President for Academic Affairs & Provost Signature and date:  5/5/22	
	If the program will be registered jointly[3] with one or more other institutions, provide the following information for each institution:	

[1] To propose changes that would create a new program, Form 3B, Creating a New Program from Existing Program(s), is required.
[2] If the current program(s) must remain registered until enrolled students have graduated, the anticipated effective date by which continuing students will have completed the current version of the program(s).
[3] If the partner institution is non-degree-granting, see SED's CEO Memo 94-04.

Section 2. Program Information

Section 2.1. Changes in Program Content

[ ] No changes in program content. *Proceed to Section 2.2.*

a) Check all that apply. Describe each proposed change and why it is proposed.

[X] Cumulative change from SED's last approval of the registered program of one-third or more of the minimum credits required for the award (e.g., 20 credits for associate degree programs, 40 credits for bachelor's degree programs)
[ ] Changes in a program's focus or design
[ ] Adding or eliminating one or more options, concentrations or tracks
[ ] Eliminating a requirement for program completion (such as an internship, clinical placement, cooperative education, or other work or field-based experience). Adding such requirements must remain in compliance with SUNY credit cap limits.
[ ] Altering the liberal arts and science content in a way that changes the degree classification of an undergraduate program, as defined in Section 3.47(c)(1-4) of Regents Rules

Human Biology major's is proposed to be revised in three significant ways:

- *The addition of a required eight-credit, two-course series of lab-based Human Anatomy & Physiology (AANT 316 & 318), which is a requirement for several postgraduate programs in the health sciences that many of our students aspire to go on to after graduation (e.g., programs in physical therapy and physician assistant programs).*
- *Adjustments to a list of additional courses that satisfy what we call the "Fundamentals of Human Biology" requirement to (1) include a Topics in Human Biology Course (AANT 416) to give us the flexibility of offering multiple relevant courses that could satisfy that requirement (this course is repeatable if the content differs), and (2) reduce the number of required classes in the list from two to one due to the addition of the eight-credit A&P requirement described above.*
- *The addition of courses that are common prerequisites for medical school and/or other health science programs to the list of major electives, and a shift from 15 to 13 required credits from that list to reflect the adjustment of other required credits describe above.*

We have started converting courses that used to be offered as the upper-division class Topics in Human Biology (AANT 416) into courses with their own upper-division course number. We are adding those courses that have already been approved and other relevant upper-division anthropology courses to the list of classes that satisfy the Fundamentals in Human Biology requirement (in some cases we are providing syllabi with the new course numbers even though they have previously only been offered as AANT 416). Note that the content of all of these courses that were previously taught under the AANT 416 course designation has already been counting towards the Fundamentals in Human Biology requirement since AANT 416 was a class that could be taken to meet it.

Finally, we are changing the wording relating to our list of major electives. All Human Biology majors were required to take 11 upper division credits in the major (AANT 316 [4 credits], AANT 318 [4 credits], and one course from a list of classes that were all upper division 3-credit courses). In addition, they needed to take at least 13 credits from a list of major electives; most, but not all, of the courses on that list are upper-division. We are changing wording from "Major Electives (13 cr. minimum)" to "Major Electives (13 upper division (300+) cr. Minimum)".

b) Provide a side-by-side comparison of all the courses in the existing and proposed revised program that clearly indicates all new or significantly revised courses, and other changes.

2005 Human Biology B.S. Requirements:		2022 Proposed Changes to Human Biology B.S. Requirements:	
Combined major and minor sequence with a minimum of 55 credits to include:		***Combined major and minor sequence with a minimum of 55 credits to include:***	
Required courses (40 cr. minimum):		***Basic Sciences Courses:***	
Select one:	BIO 110 – General Biology I (4)	*Requirement absorbed into ABIO 130*	
	BIO 110Z – General Biology I (4) – writing intensive	*Requirement absorbed into ABIO 130*	
Select one:	BIO 111 – General Biology II (4)	*Requirement absorbed into ABIO 131*	
	BIO 111Z – General Biology I (4) – writing intensive	*Requirement absorbed into ABIO 131*	
		ABIO 130 (formerly 121) – General Biology: Molecular and Cell Biology and Genetics (3)	
		ABIO 131 (formerly 120) – General Biology: Ecology, Evolution, and Physiology (3)	
		ABIO 201 – Introduction to Biological Investigations I (1)	
		ABIO 202Z – Introduction to Biological Investigations II (1)	
Select one:	ABIO 205 – Human Genetics (3)	*Select one:*	ABIO 205 – Human Genetics (3)
	ABIO 212/Y – Introductory Genetics (4)		ABIO 212Y – Introductory Genetics (4)
BIO 410 – Human Physiology (3)		*Removed requirement*	
Select one:	CHM 120 – General Chemistry I (3)	*Select one:*	ACHM 120 – General Chemistry I (3)
	CHM 130 – Advanced General Chemistry I (3)		ACHM 130 – Advanced General Chemistry I (3)
			TCHM 130 – Honors Adv. General Chemistry I (3)
Select one:	CHM 121 – General Chemistry II (3)	*Select one:*	ACHM 121 – General Chemistry II (3)
	CHM 131 – Advanced General Chemistry II (3)		ACHM 131 – Advanced General Chemistry II (3)
			TCHM 131 – Honors Adv. General Chemistry II (3)
CHM 124 – General Chemistry Laboratory I (1) and CHM 125 – General Chemistry Laboratory II (1)		ACHM 124 – General Chemistry Laboratory I (1) and ACHM 125 – General Chemistry Laboratory II (1)	
Select one:	MAT 108 – Elementary Statistics (3)	*Select one:*	AMAT 108 – Elementary Statistics (3)
	PSY 210 – Statistical Methods in Psychology (3)		APSY 210 – Statistical Methods in Psychology (3)
	SOC 221 – Statistics for Sociologists (3)		ASOC 221 – Statistics for Sociologists (3)
	"One semester of college mathematics exclusive of MAT 100, 102, or 105" *(List of applicable math courses are presented at the end of this table)*		"One semester of college mathematics exclusive of AMAT 100, 102, 104, or 105" *(List of applicable math courses are presented at the end of this table)*
PHY 105 – General Physics I (3)		APHY 105 – General Physics I (3)	
		Fundamentals of Human Biology Courses:	
ANT 110 – Introduction to Human Evolution (3)		AANT 110 – Introduction to Human Evolution (3)	
ANT 211 – Human Population Biology (3)		AANT 211 – Human Population Biology (3)	
		AANT 316 – Human Anatomy and Physiology I (4)	
		AANT 318 – Human Anatomy and Physiology II (4)	
Select two:	ANT 311 – Functional Anatomy (3)	*Select one additional Fundamentals of Human Biology Course:*	*Removed option*
	ANT 312/BIO 318 – Human Population Genetics (3)		AANT 312 – Human Population Genetics (3)
	ANT 319 – Physical Growth and Development (3)		AANT 319 – Physical Growth and Development (3)
			AANT 302 – Human Paliobiology (3)
			AANT 304 – Human Biomechanics (3)
			AANT 311 – Human Osteology (3)
			AANT 312 - Human Population Genetics (3)
			AANT 314 – Forensic Anthropology (3)
			AANT 317 – Exercise Physiology (3)

			AANT 319 - Physical Growth and Development (3)
			AANT 408 – Evolutionary Medicine (3)
			AANT 409 – Primate Evolutionary Biology (3)
	Course listed below		AANT 414 – Demographic Anthropology (3)
			AANT 415 – Nutritional Anthropology (3)
			AANT 416 – Topics in Human Biology (3)
	Course listed below		AANT 418 – Culture, Environment, and Health (3)
			AANT 420 – The Evolutionary Synthesis and Bio Anthropology (3)
Major Electives (15 cr. minimum):		***Major Electives (13 upper division (300+) cr. minimum):***	
		AANT 111 – Introduction to the Primates (3)	
ANT 119 – The City and Human Health (3)		AANT 119 – The City and Human Health (3)	
		AANT 153 – Special Topics in Anthropology: Medical Terminology (3)	
		AANT 302 - Human Paliobiology (3)	
		AANT 304 – Human Biomechanics (3) *(if not selected above)*	
		AANT 309 – Human Population History (3) *(if not selected above)*	
ANT 310 – Human Paleontology (3)		*Removed option*	
May select one of this group:	ANT 311 – Functional Anatomy of the Human Skeleton (4) *(if not selected above)*	*Removed option*	
	ANT 312 – Human Population Genetics (3) *(if not selected above)*	*Removed option (not restricted to only one of this group of classes)*	
	ANT 319 – Physical Growth and Development (3) *(if not selected above)*	*Removed option (not restricted to only one of this group of classes)*	
		AANT 311 – Human Osteology (3) *(if not selected above)*	
		AANT 312 – Human Population Genetics (3) *(if not selected above)*	
		AANT 319 – Physical Growth and Development (3) *(if not selected above)*	
		AANT 314 – Forensic Anthropology (3) *(if not selected above)*	
		AANT 317 – Exercise Physiology (3) *(if not selected above)*	
		AANT 364 – Introduction to Cultural Medical Anthropology (3)	
ANT 365 – The Anthropology of New Reproductive Technologies (3)		*Removed option*	
		AANT 408 – Evolutionary Medicine (3) *(if not selected above)*	
		AANT 409 – Primate Evolutionary Biology (3) *(if not selected above)*	
ANT 414 – Demographic Anthropology (3)		AANT 414 – Demographic Anthropology (3) *(if not selected above)*	
		AANT 415 – Nutritional Anthropology (3) *(if not selected above)*	
ANT 416 – Topics in Human Biology (3)		AANT 416 – Topics in Human Biology (3) *(if not selected above)*	
ANT 418 – Culture, Environment, and Health (3)		AANT 418 – Culture, Environment, and Health (3) *(if not selected above)*	
		AANT 420 – The Evolutionary Synthesis and Bio Anthropology (3)	
ANT 419 – Human Evolutionary and Environmental Physiology (3)		*Removed option*	
ANT 450 – Medical Anthropology (3)		AANT 450 – Special Topics in Medical Anthropology (3)	
BIO 117 – Nutrition (3)		ABIO 117 – Nutrition (3)	
May select one:	BIO 205 – Human Genetics (3)	*May select one:*	ABIO 205 – Human Genetics (3)
	BIO 212Y – Introductory Genetics (4)		ABIO 212Y – Introductory Genetics (4) *(if not selected above)*

	ABIO 217 – Cell Biology (3)
BIO 241 – The Biology of Sex (3)	*Removed option*
BIO 303 – Developmental Biology (3)	*Removed option*
BIO 305 – Developmental Biology Laboratory (2)	*Removed option*
BIO 308 – Parasitic Diseases and Human Welfare (3)	ABIO 308 – Parasitic Diseases and Human Welfare (3)
	AANT 302 - Human Paliobiology (3)
BIO 311 – World Food Crisis (3)	ABIO 311 – World Food Crisis (3)
	ABIO 314 – Microbiology (3)
BIO 325 – Comparative Anatomy of Chordates (4)	*Removed option*
	ABIO 329 – Genetics of Human Disease (3)
	ABIO 330 – Principles of Ecology and Evolution (3)
	ABIO 401 (formerly 320) – Ecology (3)
BIO 402 – Evolution (3)	ABIO 402 – Evolution (3)
BIO 407 - ??? (not listed on webpage)	*Removed option*
	ABIO 410 – Human Physiology (3)
BIO 411 – Human Physiology Laboratory (2)	ABIO 411Z – Human Physiology Laboratory (2)
BIO 416 - ??? (not listed on webpage)	*Removed option*
CHM 220 – Organic Chemistry I (3)	ACHM 220 – Organic Chemistry I (3)
CHM 221 – Organic Chemistry II (3)	ACHM 221 – Organic Chemistry II (3)
CHM 222 – Organic Chemistry Laboratory I (1)	ACHM 222 – Organic Chemistry Laboratory I (1)
CHM 223 – Organic Chemistry Laboratory II (1)	ACHM 223 – Organic Chemistry Laboratory II (1)
	APSY 203 – Psychology of Child Development (3)
PSY 314 – Advanced Biopsychology and Behavioral Neuroscience (3)	APSY 314 – Advanced Biopsychology and Behavioral Neuroscience (3)
	APSY 329 – Health Psychology (3)
	APSY 340 – The Psychology of Human Sexuality (3)
PSY 385 – Evolutionary Psychology (3)	APSY 385 – Evolutionary Psychology (3)
PSY 387 – Behavior Genetics (3)	APSY 387 – Behavior Genetics (3)
	ASOC 359 – Medical Sociology (3)
	ASOC 370 – Social Demography (3)
SPH 201 – Introduction to Public Health (3)	HSPH 201 – Introduction to Public Health (3)
	HSPH 231 – Concepts in Epidemiology (3)
	HSPH 341 – Promoting Healthy People and Communities (3)
A maximum of 3 credits may be selected from R SSW 290/390, A BIO 399/499 and/or A ANT 498/498, with prior approval for appropriate activities from the Director(s) of the Human Biology major. The one-credit writing intensive courses, A ANT 389Z and A BIO 389Z, taken in conjunction with a required or elective course in the major, may also yield credit toward the major.	*A maximum of 3 credits may be selected from R SSW 290/390, A BIO 399/499 and/or A ANT 498/498, with prior approval for appropriate activities from the Director(s) of the Human Biology major. The one-credit writing intensive courses, A ANT 389Z and A BIO 389Z, taken in conjunction with a required or elective course in the major, may also yield credit toward the major.*
List of Applicable Math Courses:	***List of Applicable Math Courses:***
MAT 106 – Survey of Calculus (3)	AMAT 106Y – Survey of Calculus (3)
MAT 109 – Applied Matrix Algebra (3)	AMAT 109Y – Applied Matrix Algebra (3)
MAT 110 – Introduction to Maple (2)	*Removed option*
MAT 111 – Algebra and Calculus II (4)	AMAT 111 – Algebra and Calculus II (4)
MAT 112 – Calculus I (4)	AMAT 112 – Calculus I (4)
MAT 113 – Calculus II (4)	AMAT 113 – Calculus II (4)
MAT 118 – Honors Calculus I (4)	TMAT 118 – Honors Calculus I (4)
MAT 119 – Honors Calculus II (4)	TMAT 119 – Honors Calculus II (4)
MAT 180 – Calculus Seminar (1)	*Removed option*
MAT 214 – Calculus of Several Variables (4)	AMAT 214 – Calculus of Several Variables (4)
	AMAT 218 – Honors Calculus of Several Variables (4)
MAT 220 – Linear Algebra (3)	AMAT 220 – Linear Algebra (3)
MAT 221 – Introduction to Discrete Mathematics (3)	*Removed option*
	AMAT 222 – Honors Linear Algebra

	AMAT 300 – Introduction to Proofs (3)
MAT 301 – Theory of Interest (3)	AMAT 301 – Theory of Interest (3)
MAT 308 – Topics in Statistical Inference (3)	AMAT 308 – Topics in Statistical Inference (3)
MAT 311 – Ordinary Differential Equations (3)	AMAT 311 – Ordinary Differential Equations (3)
MAT 312/Z – Basic Analysis (3)	AMAT 312/Z – Basic Analysis (3)
MAT 313 – Introduction to Numerical Methods (3)	*Removed option*
MAT 314 – Analysis for Applications I (3)	AMAT 314 – Analysis for Applications I (3)
MAT 315 – Analysis for Applications II (3)	AMAT 315 – Analysis for Applications II (3)
MAT 326/Z – Classical Algebra (3)	AMAT 326/Z – Classical Algebra (3)
MAT 327/Z – Elementary Abstract Algebra (3)	AMAT 327/Z – Elementary Abstract Algebra (3)
	AMAT 328 – Introduction to Combinatorics (3)
MAT 331/Z – Transformation Geometry (3)	AMAT 331/Z – Transformation Geometry (3)
MAT 342/Z – Elementary Topology (3)	AMAT 342/Z – Elementary Topology (3)
	AMAT 362 – Probability for Statistics (3)
	AMAT 363 – Statistics (3)
MAT 367/Z – Discrete Probability (3)	MAT 367/Z – Discrete Probability (3)
MAT 368/Z – Statistics and Continuous Probability (3)	*Removed option*
MAT 369 – Statistics and Data Analysis (3)	AMAT 369 – Statistics and Data Analysis (3)
	AMAT 370 – Probability and Statistics for Engineering and the Sciences (3)
MAT 372/Z – Linear Programming and Game Theory (3)	AMAT 372/Z – Linear Programming and Game Theory (3)
MAT 374 – Operations Research (3)	AMAT 374 – Operations Research (3)
MAT 401 – Numerical Analysis (3)	AMAT 401 – Numerical Analysis (3)
MAT 403 – Life Contingencies I (3)	AMAT 403 – Life Contingencies I (3)
MAT 404 – Life Contingencies II (3)	AMAT 404 – Life Contingencies II (3)
MAT 409 – Vector Analysis (3)	AMAT 409 – Vector Analysis (3)
MAT 412/Z – Complex Variables for Applications (3)	AMAT 412/Z – Complex Variables for Applications (3)
MAT 413/Z – Advanced Calculus I (3)	AMAT 413/Z – Advanced Calculus I (3)
MAT 416 – Partial Differential Equations (3)	AMAT 416 – Partial Differential Equations (3)
MAT 420 – Abstract Algebra (3)	AMAT 420 – Abstract Algebra (3)
MAT 424 – Advanced Linear Algebra (3)	AMAT 424 – Advanced Linear Algebra (3)
MAT 425 – Number Theory (3)	AMAT 425 – Number Theory (3)
MAT 432/Z – Foundations of Geometry (3)	AMAT 432 – Foundations of Geometry (3)
MAT 441 – Introduction to Differential Geometry (3)	AMAT 441 – Introduction to Differential Geometry (3)
MAT 442 – Introduction to Algebraic Topology (3)	AMAT 442 – Introduction to Algebraic Topology (3)
MAT 452 – History of Mathematics (3)	AMAT 452/Z – History of Mathematics (3)
MAT 464 – Applied Stochastic Process (3)	AMAT 464 – Applied Stochastic Process (3)
MAT 465/Z – Applied Statistics (3)	AMAT 465/Z – Applied Statistics (3)
MAT 467 – Continuous Probability and Mathematical Statistics (3)	AMAT 467 – Continuous Probability and Mathematical Statistics (3)
MAT 468 – Mathematical Statistics (3)	AMAT 468 – Mathematical Statistics (3)
MAT 469 – Actuarial Probability and Statistics (1)	AMAT 469 – Actuarial Probability and Statistics (1)
MAT 481 – Senior Seminar (3)	AMAT 482/Y/W – Senior Seminar (3)
MAT 482 – Senior Seminar II (3)	*Removed option*
MAT 497 – Independent Study in Mathematics (1-3)	AMAT 497 – Independent Study in Mathematics (1-3)
MAT 499Z – Undergraduate Thesis (3)	AMAT 499Z – Undergraduate Thesis (3)

c) For each new or significantly revised course, **provide** a syllabus at the end of this form, and, on the ***SUNY Faculty Table*** provide the name, qualifications, and relevant experience of the faculty teaching each new or significantly revised course. NOTE: *Syllabi for all courses should be available upon request. Each syllabus should show that all work for credit is college level and of the appropriate rigor. Syllabi generally include a course description, prerequisites and corequisites, the number of lecture and/or other contact hours per week, credits allocated (consistent with SUNY policy on credit/contact hours), general course requirements, and expected student learning outcomes.*

AANT 111 – Introduction to the Primates (3)
AANT 304 – Human Biomechanics (3)
AANT 309 – Human Population History (3)
AANT 311 – Human Osteology (3)
AANT 314 – Forensic Anthropology (3)
AANT 316 – Human Anatomy and Physiology I (4)
AANT 317 – Exercise Physiology (3)
AANT 318 – Human Anatomy and Physiology II (4)
AANT 364 – Introduction to Cultural Medical Anthropology (3)
AANT 408 – Evolutionary Medicine (3)
AANT 409 – Primate Evolutionary Biology (3)
AANT 415 - Nutritional Anthropology (3)
AANT 416 - Topics in Human Biology (3)
ABIO 130 – General Biology: Molecular and Cell Biology and Genetics (3)
ABIO 131 – General Biology: Ecology, Evolution, and Physiology (3)
ABIO 201 – Introduction to Biological Investigations I (1)
ABIO 202Z – Introduction to Biological Investigations II (1)
ABIO 217 – Cell Biology (3)
ABIO 314 – Microbiology (3)
ABIO 329 – Genetics of Human Disease (3)
ABIO 330 – Principles of Ecology and Evolution (3)
ABIO 401 (formerly 320) – Ecology (3)
ABIO 410 – Human Physiology (3)
AMAT 222 – Honors Linear Algebra
AMAT 300 – Introduction to Proofs (3)
AMAT 328 – Introduction to Combinatorics (3)
AMAT 362 – Probability for Statistics (3)
AMAT 363 – Statistics (3)
AMAT 370 – Probability and Statistics for Engineering and the Sciences (3)
APSY 203 – Psychology of Child Development (3)
APSY 329 – Health Psychology (3)
APSY 340 – The Psychology of Human Sexuality (3)
ASOC 359 – Medical Sociology (3)
ASOC 370 – Social Demography (3)
HSPH 231 – Concepts in Epidemiology (3)
HSPH 341 – Promoting Healthy People and Communities (3)
TCHM 130 – Honors Adv. General Chemistry I (3)
TCHM 131 – Honors Adv. General Chemistry II (3)

d) What are the additional costs of the change, if any? If there are no anticipated costs, explain why.

No costs are anticipated because these changes reflect courses that we are no longer offering and new course being taught by existing faculty.

Section 2.2. Other Changes

Check all that apply. Describe each proposed change and why it is proposed.

[ ] Program title
[ ] Program award
[X] Mode of delivery

NOTES: *(1) If the change in delivery enables students to complete 50% of more of the program via distance education, submit a Distance Education Format Proposal* as part of this proposal. *(2) If the change involves adding an accelerated version of the program that impacts financial aid eligibility or licensure qualification, SED may register the version as a separate program.*

[ ] Format change(s) (e.g., from full-time to part-time), based on SED definitions, for the **entire** program
1) State proposed format(s) and consider the consequences for financial aid
2) Describe availability of courses and any change in faculty, resources, or support services.

[ ] A change in the total number of credits in a certificate or advanced certificate program
[ ] Any change to a registered licensure-qualifying program, or the addition of licensure qualification to an existing program. **Exception:** Small changes in the required number of credits in a licensure-qualifying program that do not involve a course or courses that satisfy one of the required content areas in the profession.

Description: We are seeking distance education approval, as we would like to be able to offer 50% or more of the program online.

Section 3. Program Schedule and Curriculum

a) For **undergraduate programs**, complete the ***SUNY Undergraduate Program Schedule*** to show the sequencing and scheduling of courses in the program. If the program has separate tracks or concentrations, complete a ***Program Schedule*** for each one.

NOTES: *The* ***Undergraduate Schedule*** *must show* ***all curricular requirements*** *and demonstrate that the program conforms to SUNY's and SED's policies.*

- *It must show how a student can complete all program requirements within SUNY credit limits, unless a longer period is selected as a format in Item 2.1(c): two years of full-time study (or the equivalent) and 64 credits for an associate degree, or four years of full-time study (or the equivalent) and 126 credits for a bachelor's degree. Bachelor's degree programs should have at least 45 credits of upper division study, with 24 in the major.*
- *It must show how students in A.A., A.S. and bachelor's programs can complete, within the first two years of full-time study (or 60 credits), no fewer than 30 credits in approved SUNY GER courses in the categories of Basic Communication and Mathematics, and in at least 5 of the following 8 categories: Natural Science, Social Science, American History, Western Civilization, Other World Civilizations, Humanities, the Arts and Foreign Languages*
- *It must show how students can complete Liberal Arts and Sciences (LAS) credits appropriate for the degree.*
- *When a SUNY Transfer Path applies to the program, it must show how students can complete the number of SUNY Transfer Path courses shown in the Transfer Path Requirement Summary within the first two years of full-time study (or 60 credits), consistent with SUNY's Student Seamless Transfer policy and MTP 2013-03.*
- *Requests for a program-level waiver of SUNY credit limits, SUNY GER and/or a SUNY Transfer Path require the campus to submit a Waiver Request –with compelling justification(s).*

EXAMPLE FOR ONE TERM: Undergraduate Program Schedule

Term 2: Fall 20xx	Credits per classification						
Course Number & Title	**Cr**	**GER**	**LAS**	**Maj**	**TPath**	**New**	**Prerequisite(s)**
ACC 101 Principles of Accounting	4			4	4		
MAT 111 College Mathematics	3	M	3	3			MAT 110
CMP 101 Introduction to Computers	3						
HUM 110 Speech	3	BC	3			X	
ENG 113 English 102	3	BC	3				
Term credit total:	16	6	9	7	4		

b) *For* ***graduate programs****, complete the* ***SUNY Graduate Program Schedule****. If the program has separate tracks or concentrations, complete a* ***Program Schedule*** *for each one.*

NOTE: *The* ***Graduate Schedule*** *must include all curriculum requirements and demonstrate that expectations from Part 52.2(c)(8) through (10) of the Regulations of the Commissioner of Education are met.*

SUNY Undergraduate Program Schedule (***OPTION: You can paste an Excel version of this schedule AFTER this line, and delete the rest of this page.)***

Program/Track Title and Award:_____Human Biology B.S._____

a) Indicate **academic calendar type**: [**X**] Semester [ ] Quarter [ ] Trimester [ ] Other (describe):

b) **Label each term in sequence**, consistent with the institution's academic calendar (e.g., Fall 1, Spring 1, Fall 2)

c) **Name of SUNY Transfer Path, if one exists: _____ See Transfer Path Requirement Summary for details**

d) Use the table to show **how a typical student may progress through the program**; copy/expand the table as needed. **Complete all columns that apply to a course.**

Term 1:	See KEY.						
Course Number & Title	**Cr**	**GER**	**LAS**	**Maj**	**TPath**	**New**	**Co/Prerequisites**
AANT 110 Intro. to Human Evolution	3	NS	3	3			none
ABIO 130 General Biology: Molecular. and Cell Biology and Genetics	3	NS	3	3		X	none
ACHM 120 General Chemistry I OR ACHM 130 – Advanced General Chemistry I OR TCHM 130 – Honors Advanced General Chemistry I	3	NS	3	3			none
ACHM 124 General Chemistry Laboratory I	1		1	1			coreq: ACHM 120 or 130
AMAT 108 Elementary Statistics OR APSY 210 – Statistical Methods in Psychology OR ASOC 221 – Statistics for Sociologists OR Math Selective in Requirements	3	MS	3	3			none
UUNI 110 Writing and Critical Inquiry	3	BC	3				none
Term credit totals:	16	15	16	13			

Term 2:	See KEY.						
Course Number & Title	**Cr**	**GER**	**LAS**	**Maj**	**TPath**	**New**	**Co/Prerequisites**
AANT 211 Human Population Biology	3		3	3			AANT 110 or ABIO 110 or ABIO 120 recommended.
ABIO 131 General Biology: Ecology, Evolution, and Physiology	3	NS	3	3		X	ABIO 130 or ABIO 121
ACHM 121 General Chemistry II OR ACHM 131 – Advanced General Chemistry II OR TCHM 131 – Honors Advanced General Chemistry II	3	NS	3	3			ACHM 120 or 130
ACHM 125 General Chemistry Laboratory II	1		1	1			coreq: ACHM 121 or 131
General Education: Arts	3	AR					
General Education: Humanities	3	HU	3				
Term credit totals:	16	12	13	10			

Term 3:							
Course Number & Title	**Cr**	**GER**	**LAS**	**Maj**	**TPath**	**New**	**Co/Prerequisites**
ABIO 201 Introduction to Biological Investigations I	1		1	1		X	ABIO 130 or 121, ABIO 131 or 120, and ACHM 120, 121, 124, 125
ABIO 205 Human Genetics OR ABIO 212Y Introductory Genetics	3/4		3/4	3/4			ABIO 130 or 121 and ABIO 131 or 120, with a grade of C- or better in ABIO 121 or ABIO 131
APHY 105 General Physics I	3	NS	3	3			none
General Education: Social Sciences	3	SS	3				
General Education: US History	3	AH	3				

Term 4:	See KEY.						
Course Number & Title	**Cr**	**GER**	**LAS**	**Maj**	**TPath**	**New**	**Co/Prerequisites**
ABIO 202Z Introduction to Biological Investigations II	1			1		X	ABIO 130 or 121, ABIO 131 or 120, ABIO 201, and ACHM 120, 121, 124, 125
Upper Division Major Elective (1 of 5)	3			3			
General Education: International Perspectives	3	OW	3				
General Education: Foreign Languages	3	FL	3				
Local General Education: 21st Century Challenges	3		3				
Free Elective	3						

Term credit totals:	13/14	9	13/14	7/8			
Term 5:	See KEY.						
Course Number & Title	**Cr**	**GER**	**LAS**	**Maj**	**TPath**	**New**	**Co/Prerequisites**
AANT 316 Human Anatomy and Physiology I	4			4		X	ABIO 120 or ABIO 131, ABIO 121 or ABIO 130, ACHM 120, and ACHM 121
Upper Division Major Elective (2 of 5)	3			3			
LAS Elective	3		3				
Upper Free Elective	3						
Upper Free Elective	3						
Term credit totals:	16		3	7			
Term 7:	See KEY.						
Course Number & Title	**Cr**	**GER**	**LAS**	**Maj**	**TPath**	**New**	**Co/Prerequisites**
Fundamentals in Human Biology Elective Upper Division (1 of 1)	3			3		X	AANT 110 and 211
Upper Division Major Elective (4 of 5)	3			3			
Upper Free Elective	3						
Upper Free Elective	3						
Free Elective	3						
Term credit totals:	15			6			

Term credit totals:	16	6	9	4			
Term 6:	See KEY.						
Course Number & Title	**Cr**	**GER**	**LAS**	**Maj**	**TPath**	**New**	**Co/Prerequisites**
AANT 318 Human Anatomy and Physiology II	4			4		X	AANT 316
Upper Division Major Elective (3 of 5)	3			3			
LAS Elective	3		3				
Upper Free Elective	3						
Upper Free Elective	3						
Term credit totals:	16		3	7			
Term 8:	See KEY.						
Course Number & Title	**Cr**	**GER**	**LAS**	**Maj**	**TPath**	**New**	**Co/Prerequisites**
Upper Division Major Elective (5 of 5)	3			3			
Upper Free Elective	3						
LAS Elective	3		3				
Free Elective	3						
Term credit totals:	12		3	3			

Program Totals (in credits):	**Total Credits: 120/121**	**SUNY GER: 42**	**LAS: 60/61**	**Major: 56/57**	**Elective & Other: 39**	**Upper Division: 47**	**Upper Division Major: 26**	**Number of SUNY GER Categories: 9**

KEY Cr: credits **GER:** SUNY General Education Requirement (Enter Category Abbreviation) **LAS:** Liberal Arts & Sciences (Enter credits) **Maj:** Major requirement (Enter credits) **TPath:** SUNY Transfer Path Courses (Enter credits) **New:** new course (Enter X) **Co/Prerequisite(s):** list co/prerequisite(s) for the noted courses **Upper Division:** Courses intended primarily for juniors and seniors **SUNY GER Category Abbreviations:** American History (AH), Basic Communication (BC), Foreign Language (FL), Humanities (H), Math (M), Natural Sciences (NS), Other World Civilizations (OW), Social Science (SS), The Arts (AR), Western Civilization (WC)

SUNY Graduate Program Schedule ***OPTION:*** ***You can insert an Excel version of this schedule AFTER this line, and delete the rest of this page.)***

Program/Track Title and Award:_____

a) Indicate **academic calendar** type: [ ] Semester [ ] Quarter [ ] Trimester [ ] Other (describe):

b) **Label each term in sequence**, consistent with the institution's academic calendar (e.g., Fall 1, Spring 1, Fall 2)

c) Use the table to show **how a typical student may progress through the program**; copy/expand the table as needed.

d) Complete the last row to show program totals and comprehensive, culminating elements. **Complete all columns that apply to a course.**

Term 1:			
Course Number & Title	**Credits**	**New**	**Co/Prerequisites**
Term credit total:			

Term 2:			
Course Number & Title	**Credits**	**New**	**Co/Prerequisites**
Term credit total:			

Term 3:			
Course Number & Title	**Credits**	**New**	**Co/Prerequisites**
Term credit total:			

Term 4:			
Course Number & Title	**Credits**	**New**	**Co/Prerequisites**
Term credit total:			

Term 5:			
Course Number & Title	**Credits**	**New**	**Co/Prerequisites**
Term credit total:			

Term 6:			
Course Number & Title	**Credits**	**New**	**Co/Prerequisites**
Term credit total:			

Term 7:			
Course Number & Title	**Credits**	**New**	**Co/Prerequisites**
Term credit total:			

Term 8:			
Course Number & Title	**Credits**	**New**	**Co/Prerequisites)**
Term credit total:			

Program Total:	**Total Credits:**	**Identify the required comprehensive, culminating element(s), such as a thesis or examination, including course number(s), if applicable:**

Section 4. SUNY Faculty Table

a) If applicable, provide information on faculty members who will be teaching new or significantly revised courses in the program. Expand the table as needed.

b) **Append** at the end of this document position descriptions or announcements for each to-be-hired faculty member

(a)	(b)	(c)	(d)	(e)	(f)
Faculty Member Name and Title and/or Rank at the Institution (Include and identify Program Director.)	**% of Time Dedicated to This Program**	**Program Courses Which May Be Taught (Number and Title)**	**Highest and Other Applicable Earned Degrees (include College or University)**	**Discipline(s) of Highest and Other Applicable Earned Degrees**	**Additional Qualifications**
PART 1. Full-Time Faculty					
Elise Andaya, Associate Professor	12.5%	AANT 364 – Introduction to Cultural Medical Anthropology (3) AANT 450 – Special Topics in Medical Anthropology (3)	Ph.D. New York University	Anthropology	
Drew Anderson, Associate Professor	25%	APSY 329 – Health Psychology (3)	Ph.D., Louisiana State University, Baton Rouge	Clinical Psychology	
Tom D. Brutsaert, Assistant Professor	100%	AANT 415 – Nutritional Anthropology (3)	Ph.D., Cornell University	Anthropology	
Jesse Corradino, Lecturer	25%	AMAT 370 – Probability and Statistics for Engineering and the Sciences (3)	Ph.D., University at Albany	Mathematics	
Justin M. Curry, Assistant Professor	20%	AMAT 362 – Probability for Statistics	Ph.D., University of Pennsylvania	Mathematics	
Mercedes Fabian, Lecturer	100%	AANT 110 – Introduction to Human Evolution (Lab director) AANT 316 – Human Anatomy and Physiology I (Lab director) AANT 318 – Human Anatomy and Physiology II (Lab director) AANT 314 – Forensic Anthropology (3)	Ph.D. University at Buffalo	Anthropology	
Yunlong Feng, Assistant Professor	25%	AMAT 363 – Statistics (3)	Ph.D., City University of Hong Kong, China	Mathematics	
Elise Gervais, Lecturer	100%	ABIO 131 – General Biology: Ecology, Evolution, and Physiology ABIO 410 – Human Physiology (3)	Ph.D., University at Albany	Biology	
Christine Gervasi, Instructional Support Specialist for Biological Sciences	100%	ABIO 201 – Introduction to Biological Investigations I (1) ABIO 202Z – Introduction to Biological Investigations II (1)	Ph.D., University at Albany	Biology	

(a)	(b)	(c)	(d)	(e)	(f)
Faculty Member Name and Title and/or Rank at the Institution (Include and identify Program Director.)	**% of Time Dedicated to This Program**	**Program Courses Which May Be Taught (Number and Title)**	**Highest and Other Applicable Earned Degrees (include College or University)**	**Discipline(s) of Highest and Other Applicable Earned Degrees**	**Additional Qualifications**
Adam Gordon, Associate Professor	100%	AANT 110 – Introduction to Human Evolution (3) AANT 311 – Human Osteology (3) AANT 409 – Primate Evolutionary Biology (3) AANT 416 – Topics in Human Biology (3) AANT 420 – The Evolutionary Synthesis and Biological Anthropology	Ph.D. University of Texas at Austin	Anthropology	
Charles E. Hilton, Visiting Assistant Professor	100%	AANT 311 – Human Osteology (3)	Ph.D., University of New Mexico	Biological Anthropology	
Akiko Hosler, Associate Professor	25%	HSPH 231 – Concepts in Epidemiology	Ph.D., University at Albany	Sociology	
Julia Jennings, Associate Professor	100%	AANT 309 – Human Population History (3) AANT 312 – Human Population Genetics (3) AANT 414 – Demographic Anthropology (3) AANT 416 – Topics in Human Biology (3)	Ph.D. Pennsylvania State University	Anthropology and Demography	
Janine M Jurkowski, Clinical Associate Professor	25%	HSHP 341 – Promoting Healthy People and Communities (3)	Ph.D. University of Illinois at Chicago School of Public Health	Community Health Sciences	
Melinda Larsen, Professor	25%	ABIO 217 – Molecular Cell Biology (3)	Ph.D., Baylor School of Medicine	Cell and Molecular Biology	
Cristian Lenart, Professor	25%	AMAT 328 – Introduction to Combinatronics	Ph.D., University of Manchester	Mathematics	
Betty Lin, Assistant Professor	25%	APSY 203 – Psychology of Child Development	Ph.D., Arizona State University	Clinical Psychology	
Linda Mayerhofer, Lecturer	25%	ABIO 130 – General Biology: Molecular and Cell Biology and Genetics (3)	Ph.D., University at Albany	Biology	
Cara Ocobock, Assistant Professor	100%	AANT 304 - Human Biomechanics (3) AANT 317 – Exercise Physiology (3)	Ph.D., Washington University in St. Lewis	Anthropology	
John Polk, Associate Professor (New faculty member and Director of program starting Fall 2021)	100%	AANT 304 – Human Biomechanics (3) AANT 317 – Exercise Physiology (3) AANT 416 – Topics in Human Biology (3)	Ph.D. Stony Brook University	Anthropology	

(a)	(b)	(c)	(d)	(e)	(f)
Faculty Member Name and Title and/or Rank at the Institution (Include and identify Program Director.)	**% of Time Dedicated to This Program**	**Program Courses Which May Be Taught (Number and Title)**	**Highest and Other Applicable Earned Degrees (include College or University)**	**Discipline(s) of Highest and Other Applicable Earned Degrees**	**Additional Qualifications**
John Rowan, Assistant Professor	100%	AANT 110 – Introduction to Human Evolution (3) AANT 302 – Human Paleobiology (3) AANT 311 – Human Osteology (3) AANT 409 – Primate Evolutionary Biology (3) AANT 416 – Topics in Human Biology (3)	Ph.D. Arizona State University	Evolutionary Anthropology	
Morgan Sammons, Assistant Professor	25%	ABIO 329 – Genetics of Human Disease (3)	Ph.D., Vanderbilt University	Biology	
Lawrence Schell, Distinguished Professor	100%	AANT 119 – The City and Human Health (3) AANT 319 – Physical Growth and Development (3) AANT 416 – Topics in Human Biology (3) AANT 418 – Culture, Environment, and Health (3)	Ph.D. University of Pennsylvania	Anthropology	
Amanda Spriggs, Clinical Assistant Professor	100%	AANT 111 – Introduction to the Primates (3) AANT 211 – Human Population Biology (3) AANT 316 – Human Anatomy and Physiology I (4) AANT 318 – Human Anatomy and Physiology II (4) AANT 408 – Evolutionary Medicine (3) AANT 415 – Nutritional Anthropology (3)	Ph.D. University at Albany	Anthropology	
Anupam Srivastav, Associate Professor	20%	AMAT 299 – Introduction to Proofs (3)	Ph.D., University of Illinois, Urbana-Champaign	Mathematics	
Priyantha Sugathapala, Lecturer	50%	TCHM 130 – Honors - Advanced General Chemistry I (3) TCHM 131 – Honors - Advanced General Chemistry II (3)	Ph.D., Wayne State University	Organic Chemistry	
Alex Valm, Assistant Professor	25%	ABIO 314 – Microbiology (3)	Ph.D., Brown University	Pathobiology	
Ing-Nang Wang, Associate Professor	25%	ABIO 330 – Principles of Ecology and Evolution (3)	Ph.D., Stony Brook University	Ecology	
Mathew Zaremsky, Assistant Professor	25%	AMAT 222- Honors Linear Algebra	Ph.D., University of Virginia	Mathematics	
Part 2. Part-Time Faculty					
Graduate Assistant for Sociology	25%	ASOC 370 – Social Demography (3)	MS	Sociology	Ph.D., Student in Sociology

(a)	(b)	(c)	(d)	(e)	(f)
Faculty Member Name and Title and/or Rank at the Institution (Include and identify Program Director.)	**% of Time Dedicated to This Program**	**Program Courses Which May Be Taught (Number and Title)**	**Highest and Other Applicable Earned Degrees (include College or University)**	**Discipline(s) of Highest and Other Applicable Earned Degrees**	**Additional Qualifications**
Samantha Hoff, Lecturer	50%	ABIO 330 – Principles of Ecology and Evolution (3) ABIO 401 – Ecology (3)	MS, University at Albany	Biodiversity, Conservation, and Policy	Ph.D., student in Ecology
Rebeca Herrero Saenz, Adjunct	50%	ASOC 359 – Medical Sociology (3)	Ph.D., University at Albany	Sociology	
Anna Yeo, Adjunct	25%	APSY 340 – The Psychology of Human Sexuality (3)	Ph.D., University at Albany	Clinical Psychology	
Part 3. To-Be-Hired Faculty (List as TBH1, TBH2, etc., and provide expected hiring date instead of name.)					