

Table 1. Astrobiology-Related Courses at Georgia Tech

Course Number	Course Name and Website	Instructor(s)	Next offering
EAS Courses			
EAS 1600	Introduction to Environmental Sciences	Glass (& others)	Every term
EAS 1601	Habitable Planet	Reinhard, Schmidt	Fall 2017
EAS 4220/8803(6200)	Environmental Geochemistry lecture	Glass, Tang	Fall 2018
EAS 4221/8801(6201)	Environmental Geochemistry lab	Glass, Tang	Fall 2018
EAS 4370/6370	Physics of Planets	Paty, Wray	Spring 2018 (?)
EAS 4602/6122	Biogeochemical Cycles	Glass	Spring 2018
EAS 6216-CR	Isotope Geochemistry	Reinhard	Spring 2019
EAS 4360/6360	Introduction to Space Physics and Instrumentation	Paty	Spring 2018 (?)
EAS 4803(4375)/8803(6375)	Earth and Planetary Materials	Wray, Tang	Spring 2019 (?)
EAS 4803(4380)/8803(6380)	Land Remote Sensing	Wray	Fall 2017
EAS 4801/8001-CP	Planetary Science Seminar	Paty	Fall 2017
EAS 4803/8803-CR*	Earth Evolution	Reinhard	Spring 2018 (?)
EAS 4803-HP/CP*	History of Space Exploration	Paty	Fall 2017
EAS 4803/8803-BS*	Ice-Ocean Moons and Planets	Schmidt	?
EAS 4803/8803-BS*	Origin of Planetary Systems	Schmidt	?
EAS 4803/8803-BS*	Team X Spacecraft Design	Schmidt	?
EAS 8802-JW	Seminal Papers in Astrobiology	Wray	?
CHEM Courses			
CHEM 1801	Why Things Happen, or Not	Williams	?
CHEM 4511	Biochemistry	Williams	Spring 2018
CHEM 4803(4515)/8853(6574)-LW**	Structure, Function and Origins of Biological Macromolecules	Williams	Spring 2018 (?)
CHEM 4803/8823-AS*	Instrumental Analysis for Astrobiology	Stockton	Spring 2018
CHEM 4803/8803-NH*	Chemistry of the Origins and Early Evolution of Life	Hud	?
BIO Courses			
BIOL 2344	Genetics	Rosenzweig/McGrath	Spring 2018
BIOL 3380	Microbiology	Rosenzweig/Kostka	Fall 2017
BIOL 4744	Microbial Symbiosis	Stewart	Spring 2018
BIOL 4803/8803-WR	Origin of Complex Life: From Cells to Societies	Ratcliff	Spring 2018
LMC Courses			
LMC 3104	The Age of Scientific Discovery	Wood	Spring 2018
LMC 3112	Evolution and the Industrial Age	Senf	Spring 2018
LMC 3114	Science, Tech and Modernism		Spring 2018
LMC 3214	Science Fiction	Yaszek	Summer/Fall 2017
LMC 3408/6215	Rhetoric of Technical Narratives	Burnett	Spring 2018
LMC 3410/6215	Rhetoric of Nonlinear Documents	Burnett	Fall 2017
LMC 3412/6215	Communicating Science & Technology to the Public	Burnett	Spring 2018
HTS Courses			
HTS 2081	Scientific Revolution	Knoespel	?
HTS 8002	Social & Cultural Perspectives on Technology & Science	Knoespel	?
INTA Courses			
INTA 8001	Science, Technology and International Affairs	Kosal	Spring 2018
AE Courses			
AE 4342	Space System Design	Lightsey/Gunter	Spring/Fall 2018
AE 4451	Jet & Rocket Propulsion	Seitzman	
AE 4532	Spacecraft Flight Dynamics		
AE 4552	Introduction to Humans and Autonomy		
AE 4580	Introduction to Avionics Integration		
AE 6561	Reliable Control Software for Aerospace & Embedded Applications		
AE 6450	Rocket Propulsion		
AE 6451	Electric Propulsion		
AE 6322/6323	Spacecraft and Launch Vehicle Design I/II		
AE 6354	Advanced Orbital Mechanics		
AE 6355	Planetary Entry, Descent and Landing		
ECE Courses			
ECE 4781/8833**	Biomedical Instrumentation		
ECE 4782	Biosystems Analysis		

*Target courses to convert from temporary to permanent course numbers

**Applications are in progress for conversion to permanent course number

Numbers in parentheses indicate new permanent course numbers awaiting approval by Faculty Senate