

**GEORGE MASON UNIVERSITY**  
**COLLEGE OF HUMANITIES AND SOCIAL SCIENCES**  
**B.S. DEGREE IN NEUROSCIENCE (David King Hall 2024, 703-993-1358)**  
<http://neuroscience.gmu.edu/programs/la-bs-neur>  
**2012-2013 CATALOG**

	<u>Department(s) &amp; Course #(s)</u>	<u>Completed/ Grade(s)</u>	<u>Needed</u>
<b><u>GENERAL EDUCATION REQUIREMENTS (*24-27)</u></b>			
a.	Written Communication: ENGH 101 (100), ENGH 302 (C or better) (3,3)	___ ___	___ ___
b.	Oral Communication: COMM 100 or 101 (circle choice) (3)	___ ___	___ ___
c.	Quantitative Reasoning (satisfied by completion of major requirements)	___ ___	___ ___
d.	Literature (3)	___ ___	___ ___
e.	Arts (3)	___ ___	___ ___
f.	Western Civilization (3)	___ ___	___ ___
g.	Social & Behavioral Science (satisfied by completion of major requirements)	___ ___	___ ___
h.	Natural Science (satisfied by completion of major requirements)	___ ___	___ ___
i.	Global Understanding (3)	___ ___	___ ___
j.	Information Technology (satisfied by completion of major requirements)	___ ___	___ ___
k.	Synthesis (3)	___ ___	___ ___

Go to: <http://chss.gmu.edu/general-education/all-requirements> to link to information on general education requirements.

**MAJOR REQUIREMENTS (75-87 hours required)**

a.	CHEM 211, CHEM 212 (4,4)	a.	___ ___	___ ___
b.	BIOL 213 (4), one course from: BIOL 311 (4), 320 (4), 322 (4), 326 (3), 425 (3)	b.	___ ___	___ ___
c.	MATH 113, MATH 114, or MATH 213 (3-4)	c.	___ ___	___ ___
d.	PHYS 243/244; 245/246 (3,1,3,1) OR PHYS 160/16; PHYS 260/261 (3,1,3,1)	d.	___ ___	___ ___
e.	PSYC 100, PSYC 375 (3,3)	e.	___ ___	___ ___
f.	PSYC 376, PSYC 373 (3,1)	f.	___ ___	___ ___
g.	CDS 130 (3)	g.	___ ___	___ ___
h.	One course from: STAT 250 (3), PSYC 300 (4), MATH 352 (30, or BIOL 312 (4)	h.	___ ___	___ ___
i.	NEUR 327, NEUR 335 (3,3)	i.	___ ___	___ ___
j.	NEUR 410 (writing intensive course) (3)	j.	___ ___	___ ___
k.	Twenty-four hours electives (12)(must be approved by the director of the program; list courses)(no more than six credits of D may be applied to this requirement)			
1.	_____		___ ___	___ ___
2.	_____		___ ___	___ ___
3.	_____		___ ___	___ ___
4.	_____		___ ___	___ ___
5.	_____		___ ___	___ ___
6.	_____		___ ___	___ ___
7.	_____		___ ___	___ ___

**Students intending to apply to a PhD program in Neuroscience are advised to take CHEM 313 and 315 and MATH 114**

**Students intending to apply to an MD program are advised to take CHEM 313/315 and 314/318**

**GENERAL ELECTIVES** (List courses)

_____	_____	___ ___	___ ___
_____	_____	___ ___	___ ___
_____	_____	___ ___	___ ___
_____	_____	___ ___	___ ___

**MINIMUM HOURS TO GRADUATE: 120**

**UPPER DIVISION HOURS (minimum 45):**

This planning form is intended to be used in consultation with your academic advisor and reflects the requirements for the 2012-2013 Catalog; the University Catalog is the official reference for program requirements.

**COURSE LISTS (NEUROSCIENCE)**

## University General Education Requirements

Written Communication: ENGH 101 (or 100) and ENGH 302

Oral Communication: COMM 100 or COMM 101

Quantitative Reasoning: MATH 113, 114. (The Math Placement Test is required to take a MATH course. See this web site for more information: [http://cos.gmu.edu/academics/undergraduate/math\\_placement\\_testing](http://cos.gmu.edu/academics/undergraduate/math_placement_testing))

Literature: ARAB 325; CHIN 310, 311, 325, 328; CLAS 250, 260, 340, 350, 360, 380; ENGH 201, 202, 203, 204; FREN 325, 329; FRLN 330; GERM 325; ITAL 325; PHIL 253; RELI 235; RUSS 325, 326, 327; SPAN 325

Arts: ARTH 101, 102, 103, 200, 201, 203, 204, 321, 322, 324, 333, 334, 335, 340, 341, 342, 344, 345, 360, 362, 372, 373, 376; AVT 103, 104, 215, 222, 232, 243, 252, 253, 262, 272; DANC 101, 119, 125, 131, 145, 161, 225, 231, 245, 301, 390, 391; ENGH 370, 372, 396; FAVS 225; GAME 101; MUSI 100, 101, 102, 107, 301, 302, 380, 381, 382, 383, 384, 385, 387, 389, 485; PHIL 156; THR 101, 150, 151, 210, 230, 395, 411, 412.

Western Civilization: HIST 100 or 125; transfer students may substitute the following courses for HIST 100 or 125: HIST 101, 102, 202, 301, 302, 304, 305, 306, 308, 309, 314, 322, 387, 388, 435, 436, 480.

Social and Behavioral Sciences: AFAM 200; ANTH 114, 120, 135, 396; CONF 101; CONS 410; CRIM 100; ECON 100, 103, 104, 105, 110, 111 (110 and 111 must be taken together); EDUC 372; GGS 103; GOVT 101, 103, 367; HEAL 230; HIST 121, 122; LING 306; **PSYC 100**, 211, 231; SOCI 101; SOM 100; TOUR 311; WMST 200

Natural Sciences: CHEM 211 & 212

Global Understanding: ANTH 302, 304, 306, 307, 308, 309, 311, 312, 313, 316, 331, 332, 385; ARTH 319, 320, 380, 382, 383, 384, 385, 386; CEIE 100; COMM 305, 456; CRIM 405; DANC 118, 318, 418; ECON 360, 361, 362, 380, 390; ENGH 362, 366; GCH 205; GGS 101; GLOA 101; GOVT 132, 133; HIST 130, 251, 252, 261, 262, 271, 272, 281, 282, 328, 329, 356, 358, 360, 364, 365, 387, 460, 462; JAPA 310; MSOM 305; MUSI 103, 431; PHIL 243; PSYC 379; RELI 100, 211, 212, 313, 315, 341, 374; RUSS 354; SOCI 120, 320, 332; SPAN 322; SYST 100; THR 359, TOUR 210; WMST 100

Information Technology: **CDS 130**

Synthesis: ANTH 400; ARTH 394; AVT 497, 498; BINF 354; BIOL 301; BIS 490; CEIE 490; COMM 326, 362, 454; CONF 490; CONS 490; CRIM 495; CS 306; DANC 490; ECE 447, 492, 493; ECON 309; EDCI 490; ENGH 305; EVPP 335; FAVS 352; FRLN 385; GEOL 420; GGS 303, 304; GOVT 490, 491; HAP 465; HIST 300, 499; IT 492; LAS 499; MATH 400; MUSI 490; NCLC 308; NURS 265; PHIL 309, 343, 377, 378; PSYC 405, 406; RELI 490; RUSS 353; SOCI 377, 483; SOCW 323, SOM 498; SPAN 388; SYST 495; THR 440, 496; PROV 342; UNIV 442